Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT 1st Named Inventor: Dae Sung MOON

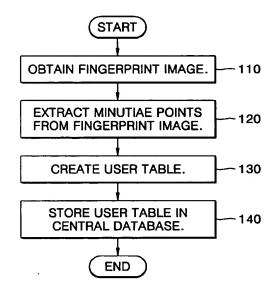
Express Mail No.: EV339912205US

Sheet: 1 of 19

Docket No.: 2013P162

(310) 207-3800

FIG. 1A



(310) 207-3800

Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT

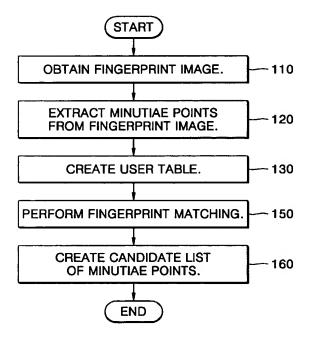
1st Named Inventor: Dae Sung MOON

Express Mail No.: EV339912205US

Docket No.: 2013P162

Sheet: 2 of 19

FIG. 1B



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800

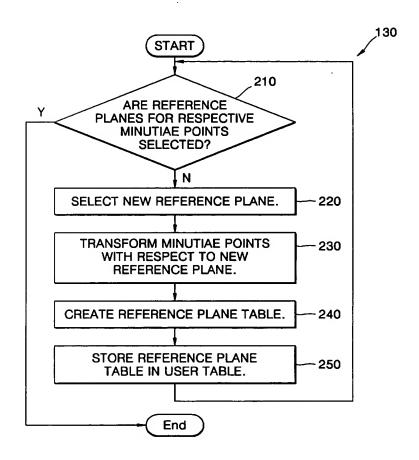
Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT

1st Named Inventor: Dae Sung MOON

Express Mail No.: EV339912205US Docket No.: 2013P162

Sheet: 3 of 19

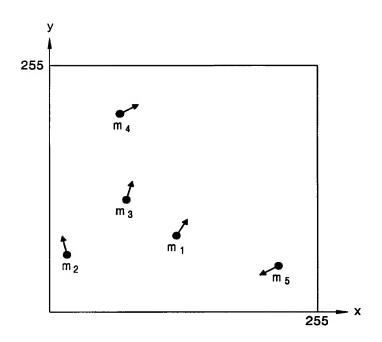
FIG. 2



Blakely, Sokoloff, Taylor & Zafman LLP
Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US
Docket
Sheet: 4 of 19 (310) 207-3800

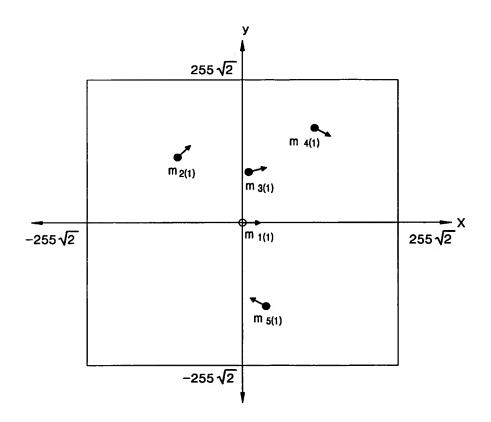
Docket No.: 2013P162

FIG. 3A



Blakely, Sokoloff, Taylor & Zafman LLP (310) 20
Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US
Docket
Sheet: 5 of 19 (310) 207-3800

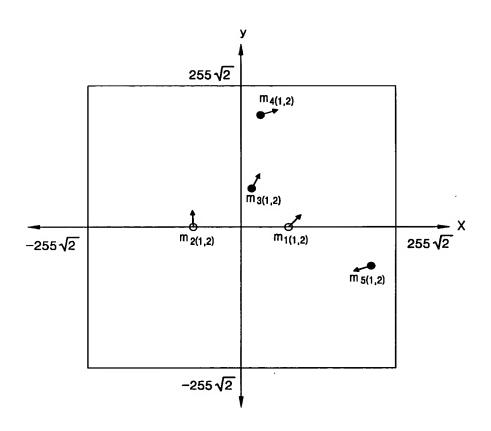
FIG. 3B



Blakely, Sokoloff, Taylor & Zafman LLP
Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US
Docket
Sheet: 6 of 19

(310) 207-3800

FIG. 3C

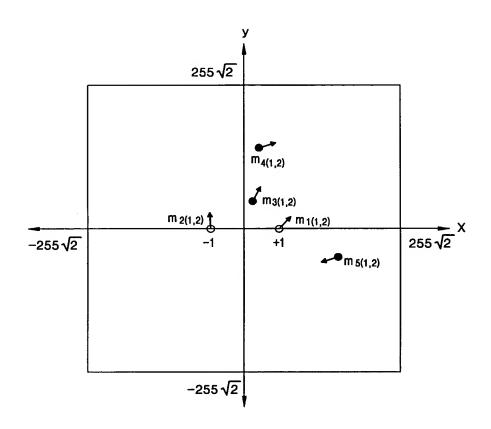


Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US

Docket
Sheet: 7 of 19

Docket No.: 2013P162

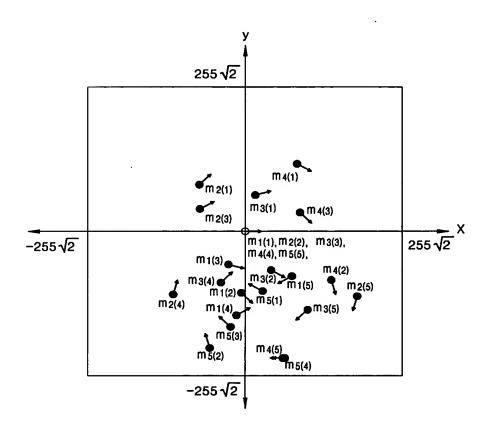
FIG. 3D



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800

Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US Docket
Sheet: 8 of 19 Docket No.: 2013P162

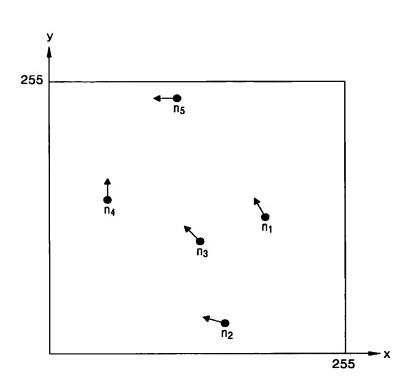
FIG. 3E



(310) 207-3800

Blakely, Sokoloff, Taylor & Zafman LLP
Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US Docket
Sheet: 9 of 19 Docket No.: 2013P162

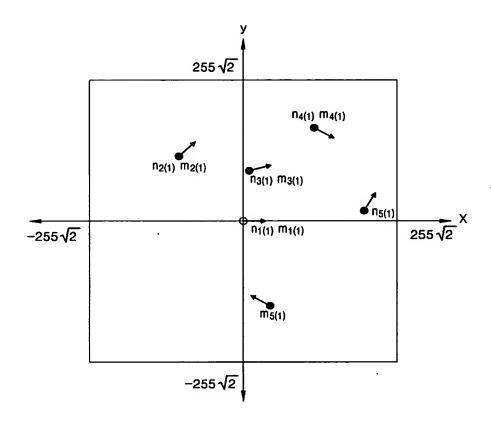
FIG. 3F



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT 1st Named Inventor: Dae Sung MOON Express Mail No.: EV339912205US Docket Sheet: 10 of 19

Docket No.: 2013P162

FIG. 3G



Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US

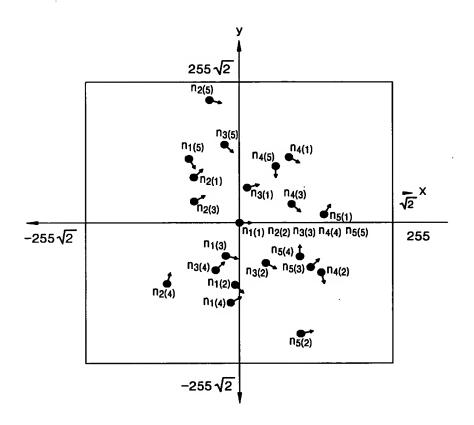
Docket

Docket No.: 2013P162

(310) 207-3800

Sheet: 11 of 19

FIG. 3H



(310) 207-3800

Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT

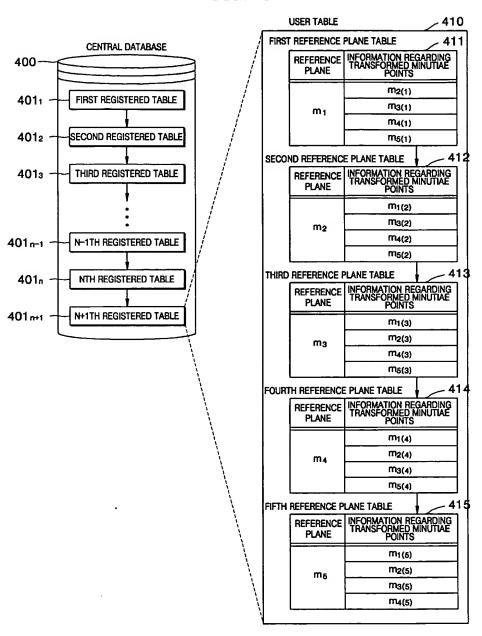
1st Named Inventor: Dae Sung MOON

Express Mail No.: EV339912205US

Sheet: 12 of 19

Docket No.: 2013P162

FIG. 4



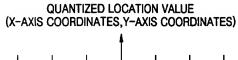
(310) 207-3800

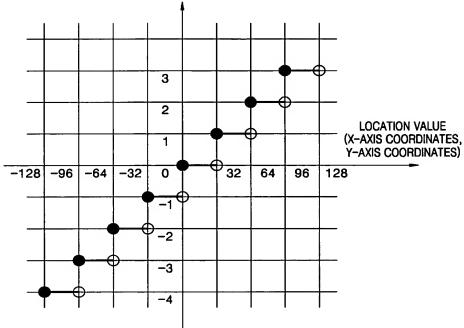
Blakely, Sokoloff, Taylor & Zafman LLP
Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mai No.: EV339912205US
Docket

Docket No.: 2013P162

Sheet: 13 of 19

FIG. 5A

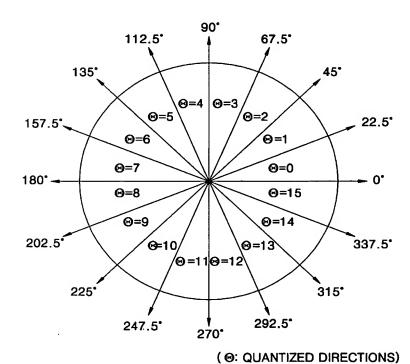




Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800

Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US Docket
Sheet: 14 of 19 Docket No.: 2013P162

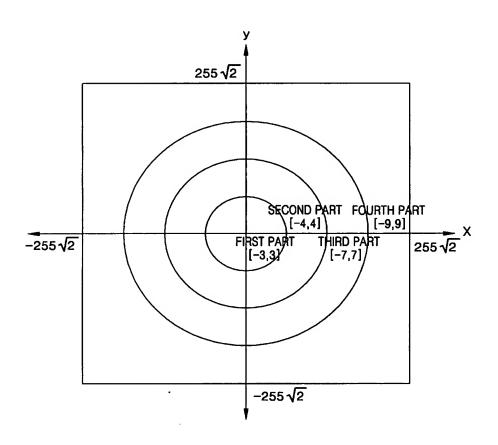
FIG. 5B



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800

Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US
Sheet: 15 of 19

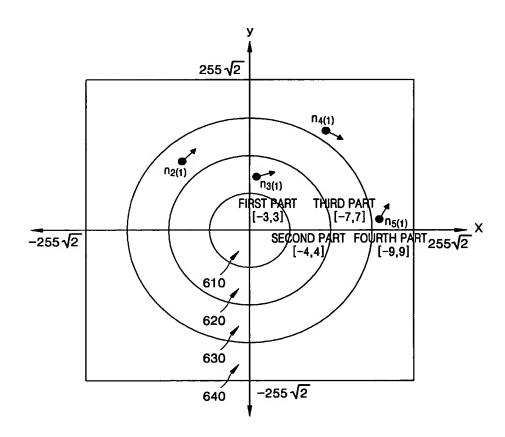
FIG. 6A



(310) 207-3800

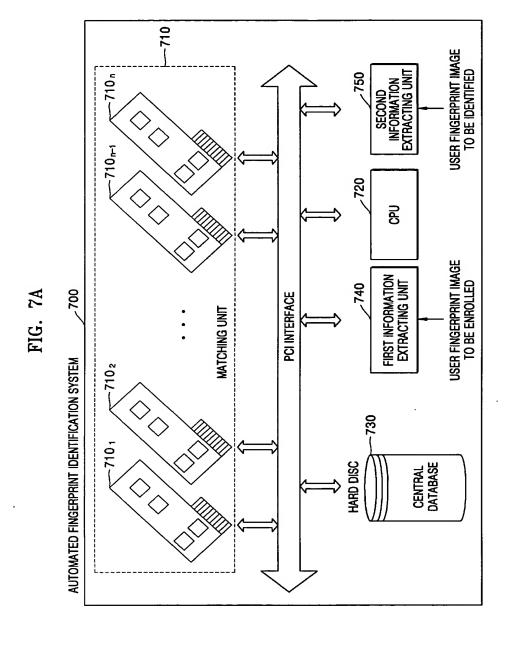
Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US Docket
Sheet: 16 of 19

FIG. 6B



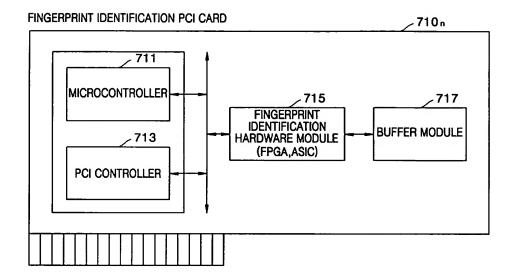
Docket No.: 2013P162

Sheet: 17 of 19



Blakely, Sokoloff, Taylor & Zafman LLP
Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US Docket
Sheet: 18 of 19 (310) 207-3800

FIG. 7B



(310) 207-3800

Title: METHOD AND APPARATUS FOR IDENTIFYING A FINGERPRINT
1st Named Inventor: Dae Sung MOON
Express Mail No.: EV339912205US Docket
Sheet: 19 of 19

FIG. 8

